

IN THE SPECIFICATION:

Please delete the subheading between paragraphs [0001] and [0002] and replace with the following new subheading:

DESCRIPTION OF THE RELATED ART

Please amend paragraph [0002] as follows:

A valve operated by differential pressure used for a pressurization system in an unmanned airship that works ~~even over the~~ at an altitude ~~[[of]]~~ higher than 5 km prevents ~~pressure-increase~~ a pressure increase in the airship according to ~~altitude-increase~~ an increase in altitude and maintains constant internal pressure by automatic opening and closing operation of the valve.

Please amend paragraph [0003] as follows:

The valve should be closed tightly without leakage of air or helium gas until a predetermined differential pressure is reached, then opened to the maximum stroke thereof as soon as the predetermined differential pressure is reached, and then closed again tightly without ~~[[the]]~~ leakage. Thus, leakage-loss of air or helium gas can be prevented.

Please amend paragraph [0006] as follows:

When the conventional valve is opened and closed, minute leakage of air or helium gas is inevitable. Furthermore, it was impossible to open the valve to the maximum stroke thereof using

only differential pressure without a supply of special power at a predetermined differential pressure. This is because the spring 50 stretches more and more and so elastic force thereof grows bigger and bigger as the valve is ~~getting opened more~~ opened further.

Please amend paragraph [0009] as follows:

In order to achieve the object, a valve operated by differential pressure according to the present invention comprises a valve body, a valve disk, a central link, a link, an elastic member, a member attracted by a magnet, and the magnet[; the]]. The valve disk [[being]] is mounted on the valve body, and the central link [[being]] is connected at one end to the valve disk[, and]] for opening and closing the valve[, the]]. The link [[being]] is connected pivotally at one end to the central link, and ~~making~~ makes the central link move according to rotation of the link around a link pivot[, the]]. The elastic member [[being]] is connected pivotally at one end to the link and fixed pivotally at the other end, and ~~making~~ makes the link rotate around the link pivot by elastic force of the elastic member[, the]]. The member [[being]] is mounted on the other end of the central link, and the magnet ~~lying~~ lies adjacent to the member[; the]]. The valve [[being]] is closed tightly without leakage of internal fluid until a predetermined differential pressure is reached, then ~~being opened~~ opens to the maximum stroke thereof as soon as the predetermined differential pressure is reached, and then [[being]] is closed again instantly and tightly when the differential pressure is decreased without leakage of internal fluid, by attractive force of the magnet together with elastic force of the elastic member.

Please amend paragraph [0016] as follows:

In the valve, other elements except for the permanent magnet 80 and the member 90 have the same structure with those of the conventional valve. Thus, only the description in relation to the permanent magnet 80 and the member 90 will be ~~[[done]]~~ discussed hereinafter.

Please amend paragraph [0019] as follows:

When the valve is closed (the interval is preferably 0.05-0.15 mm), the attractive force is maximal, so the valve is not easily opened. As the valve is ~~getting~~ opened more, the attractive force ~~is getting~~ gets smaller, so it is possible for the valve to be opened to the maximum stroke thereof. As the valve is ~~getting~~ closed further ~~[[more]]~~, the attractive force ~~is getting~~ gets larger, so the valve is easily closed.

Please amend paragraph [0020] as follows:

Thus, the valve is tightly closed in the initial state, and then it is instantly opened to the maximum stroke thereof when a predetermined differential pressure is reached. The valve is instantly and tightly closed when the differential pressure is decreased. Accordingly, leakage-loss of air or helium gas is prevented when the valve is opened and closed, and internal pressure is easily lowered. Thus, entire operational performance of the valve ~~becomes good~~ is improved over that of the prior art.